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PATENT

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re: Patent Application of : Group Art Unit  
Toshiharu KOSHINO, et al. :  
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Appln. No.: Not Yet Assigned : Examiner:  
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Filed: Herewith :   
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For: DATA RECORDING APPARATUS : Attorney Docket  
AND DATA RECORDING METHOD : No. 8861-391US (P23442-01)

**INFORMATION DISCLOSURE STATEMENT**

It is requested that the enclosed reference(s) listed on the attached Information Disclosure Citation Form PTO-1449 be considered by the Patent Examiner in connection with the above-identified application and be made of record therein.

Independent consideration and acknowledgment of the enclosed reference(s) are respectfully requested.

Respectfully submitted,

**TOSHIHARU KOSHINO, ET AL.**

December 20, 2000  
(Date)

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Enclosure

Form PTO-1449 U.S. DEPARTMENT OF COMMERCE  
(REV. 8-83) PATENT AND TRADEMARK OFFICE

ATTORNEY DOCKET NO.:  
8861-391US (P23442-01)

APPLICATION NO.:  
Not Yet Assigned

# INFORMATION DISCLOSURE CITATION

(Form PTO-1449 Modified 5/95)  
(Use several sheets if necessary)

APPLICANT:  
KOSHINO, et al.

FILING DATE:  
Herewith

GROUP ART UNIT:  
Not Yet Assigned

## U.S. PATENT DOCUMENTS

| EX. INIT | DOCU -<br>MENT | DOCUMENT NUMBER | DATE | NAME | CLASS | SUB-<br>CLASS | FILING DATE<br>IF<br>APPROPRIATE |
|----------|----------------|-----------------|------|------|-------|---------------|----------------------------------|
|          |                |                 |      |      |       |               |                                  |
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JP915 U.S. PTO  
09/741118  
00/08/21

## FOREIGN PATENT DOCUMENTS

| EX. INIT | DOCU -<br>MENT | DOCUMENT NUMBER | DATE    | COUNTRY        | CLASS | SUB-<br>CLASS | TRANSLATION<br>YES NO |
|----------|----------------|-----------------|---------|----------------|-------|---------------|-----------------------|
|          |                | 1-221000        | 09/1989 | Japan          |       |               | X*                    |
|          |                | 57-76663        | 05/1982 | Japan          |       |               | X*                    |
|          |                | 11-331953       | 11/1999 | Japan          |       |               | X*                    |
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|          |                |                 |         | *Abstract Only |       |               |                       |
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|          |                |                 |         |                |       |               |                       |

## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

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EXAMINER

DATE CONSIDERED

\*EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.